Intel® NetStructure™ 6000 Switch

Quick Start

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Intel Corporation, 5200 NE Elam Young Parkway, Hillsboro OR 97124-6497

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Quick Start

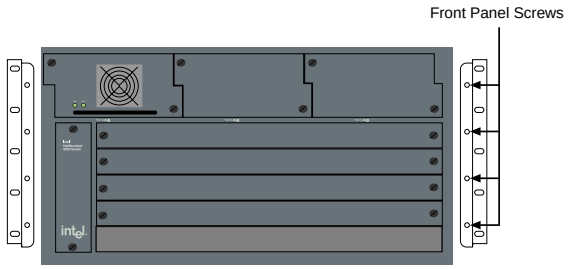
1 Set up the switch

For complete installation requirements, see the *User Guide*.

1 Remove the switch and parts from the box.

2 If you plan to install the switch in a 19-inch rack, remove the four front panel screws on each side of the unit, then use the screws included in the accessory kit to fasten the rack-mount brackets.

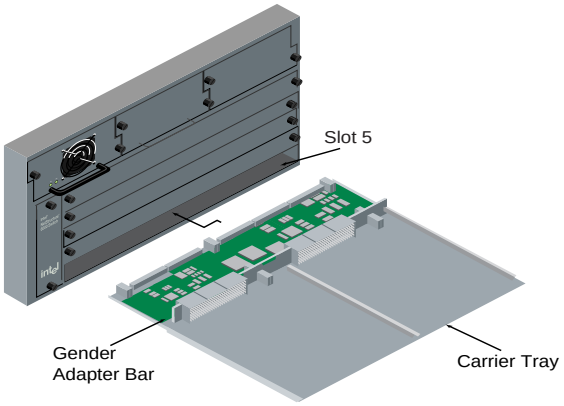
3 Install the switch in a rack or on a shelf.



2 Install the carrier tray module

1 Slide the carrier tray module into Slot 5 (the bottom slot) until it meets the connector inside the chassis, and the capture panel screws engage the chassis.

2 Tighten both capture panel screws simultaneously.



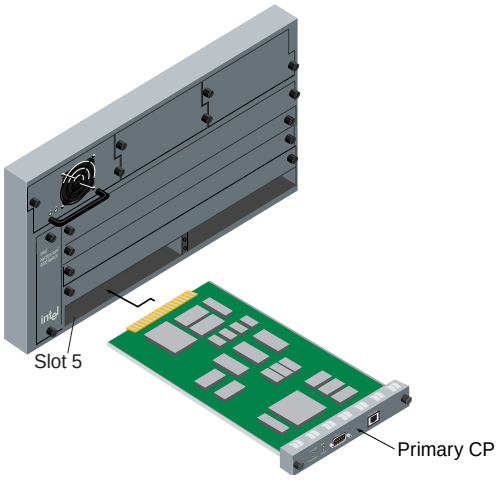
3 Install the Control Processor module

1 Slide the Control Processor (CP) module into the left side of the carrier tray.

2 Push the module back until it meets the connector inside the chassis, and the capture panel screws engage the carrier tray.

3 Tighten both capture panel screws simultaneously.

4 If you ordered a second module, remove the face plate on the right side of the bottom slot and follow the instructions above to install the module.



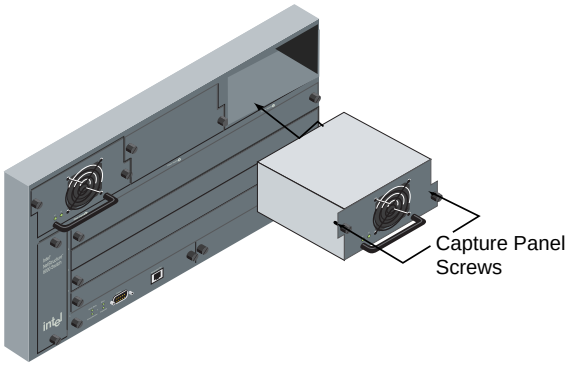
4 Install additional power supplies

If you purchased an additional power supply, place it in one of the empty power supply bays at the top of the chassis.

1 Loosen and remove the capture panel screws on the face plate of the power supply bay.

2 Push the power supply into the power supply bay until the capture panel screws engage the chassis.

3 Tighten the capture panel screws.



5 Install the network modules

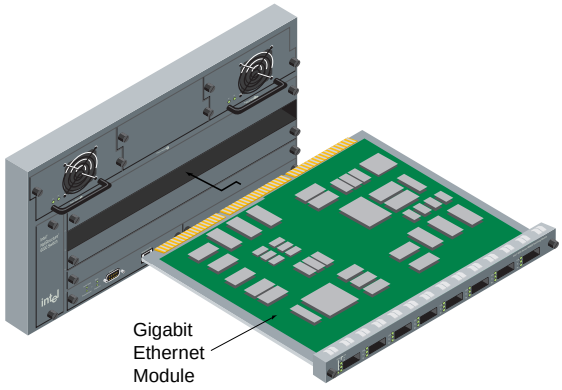
You can install network modules, such as the 1000Base-SX, 1000BaseLX / 1000BaseSX and 10/100Base-TX, in any available slot on the chassis

1 Remove the filler panels from any slots (1-4) that will hold network modules.

2 Push the module back until it connects with the backplane connector, and the capture panel screws engage the chassis.

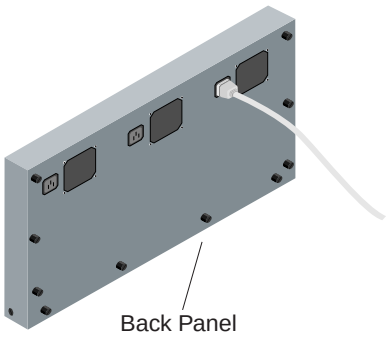
3 Tighten both capture panel screws simultaneously.

4 Leave the filler panels in any unused slots. Doing so keeps dust out of the switch and helps maintain proper airflow.



6 Plug in the switch

After you've installed all modules, plug power cords into each installed power supply at the back of the chassis.

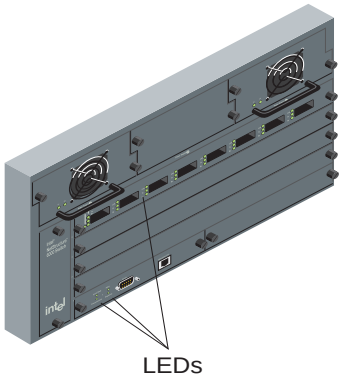


7 Connect to devices

After you have powered on the switch, plug in the network cables.

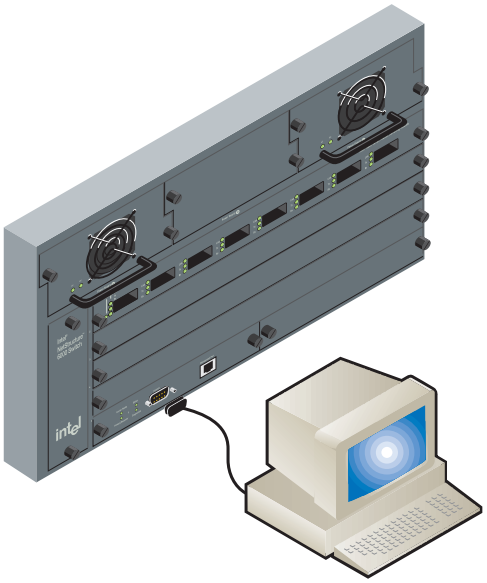
Use the network module LEDs to verify link status and activity.

See the *User Guide* for more information on network cabling and LED usage.



Management Options

8 Configure and manage the switch



Option 1: Local Management

1 Connect your PC directly to the Console port on the Control Processor module using the included null modem cable.

2 Set a VT-100-compatible terminal emulation program (such as HyperTerminal*) to these parameters:

- 9600 baud	- 8 data bits
- No parity	- 1 stop bit

3 At the Password prompt, press Enter. By default, no password is set. See the *User Guide* for information on setting passwords.

4 Configure IP settings:
At the prompt, type

```
ifconfig et0 [x.x.x.x] netmask [y.y.y.y]
```

- The out-of-band port or management port on the front of the CP is identified as interface et0.
- [x.x.x.x] is the IP address you want to assign to the switch.
- [y.y.y.y] is the subnet mask you want to assign to the switch.

The IP address allows you to access and manage the switch using a Web browser or Telnet application.

Note: In-band through the switched ports is identified by interfaces sw1 through sw4093 and are assigned for each VLAN configured to use IP.

For example

out-of-band	`ifconfig et0 134.134.34.122 netmask 255.255.0.0`
in-band	`ifconfig sw1 134.134.34.122 netmask 255.255.0.0`

Enter the following commands on a single line.

See the *User Guide* for complete information on using Local Management and configuring VLANs.

Option 2: Intel® Device View

Use Intel® Device View if you want to manage other Intel devices (such as hubs or switches) in addition to the Intel NetStructure™ 6000 Switch.

For Intel Device View, use the following software:

Intel Device View (Windows)		- Windows* 95 or 98 - Windows NT* 4.0
Intel Device View (Web)	Browser	- Internet Explorer 4.0 or later
	OS	- Windows NT 4.0 - Windows 95 or 98
	Web Server	- IIS 2.0 or later - Peer Web Services - Netscape Enterprise* Web Server 3.01 or later

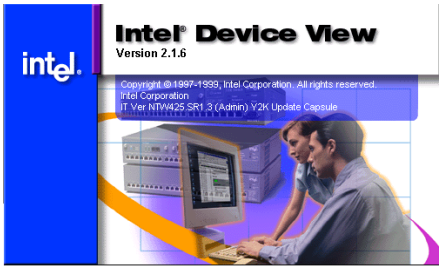
1 Place the CD-ROM in the computer's CD-ROM drive. Select the Windows* or Web version and follow the on-screen instructions in the Intel Device View installation wizard.

2 Start Intel Device View.

- **Windows:** After installation, the program automatically restarts the computer (if necessary) and launches the Device Install wizard. Follow the on-screen instructions.

  Web: After installing on a PC with a Web server, (see table above for requirements) double-click the Intel Device View icon to run the program. The MAC address of the new switch appears under Unconfigured Devices in the SNMP Device Tree. Double-click the MAC address to assign an IP address to the switch.
  To view Intel Device View from another PC on your network, type the following URL in Internet Explorer's Address field:
  `http://servername/devview/main.htm`
  where *servername* is the IP address or name of the Intel Device View server.

For more information on Intel Device View, see the *User Guide* on the Intel Device View CD-ROM.


intel
Intel® Device View
Version 2.1.6
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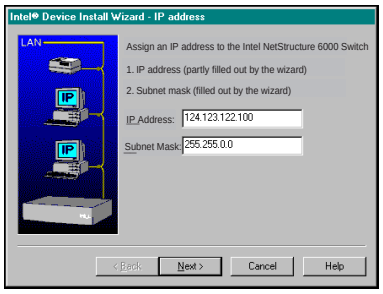
IT Ver NTW425 SR1.3 (Admin) Y2K Update Capsule

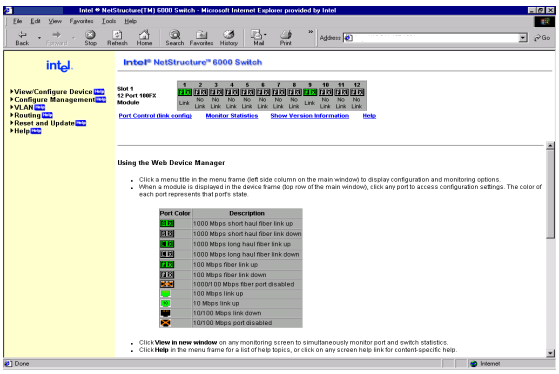
Intel Device View allows you to manage Intel hubs, routers, and switches from a single PC or any PC using Internet Explorer 4.0x or later.



Intel Device View's Install Wizard detects and allows you to configure the 6000 Switch.

Option 3: Web Device Manager

Before you can use the Web Device Manager, you must configure the switch's IP settings. See the Local Management or Intel Device View sections for more information.



1 Open your Web browser. The Web Device Manager supports Internet Explorer* 4.0x or later or Navigator* 4.0x or later.

2 Type the switch's IP address in the Address (or Location) field, then press Enter.

3 When prompted for a user name and password, type the privileged name "priv" and password you set using Local Management, then press Enter.

Note: "priv" is the default name.

4 Click the menus on the left side of the window to display configuration and management options.